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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/765,882	01/16/2001	Loay Abu-Huscin	10992693-1	9296

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HEWLETT-PACKARD COMPANY
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EXAMINER

ZHOU, TING

ART UNIT PAPER NUMBER

2173

DATE MAILED: 12/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/765,882	ABU-HUSEIN, LOAY	
	Examiner	Art Unit	
	Ting Zhou	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 September 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,6-14 and 16-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,2,6-14 and 23-25 is/are allowed.
- 6) ☒ Claim(s) 16-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The Request for Continued Examination (RCE) filed on 15 September 2005 under 37 CFR 1.53(d) based on parent Application No. 09/765,882 is acceptable and a RCE has been established. An action on the RCE follows.

2. The amendments filed on 15 September 2005, submitted with the filing of the RCE have been received and entered. Claims 1-2, 6-14 and 16-25 as amended are pending in the application.

Allowable Subject Matter

3. Claims 1-2, 6-14 and 23-25 are allowed.

4. The following is an examiner's statement of reasons for allowance: The present invention teaches extendable architecture applications that allow versioning, updating, and remote configuration of peripheral devices such as printers via a web application server. Each of the independent claims identify the unique feature of the loading mechanism configured to deliver a first application in a first, dedicated servlet to the one appliance and deliver the second application in a second, dedicated servlet to the another appliance where the second, dedicated servlet is unique from the first, dedicated servlet, the loading mechanism being configured to automatically update one of the first dedicated servlet and the second dedicated servlet responsive to a user locally changing desired settings for one of the one appliance and the another appliance, respectively, and one of the first and second application bodies is configured

Art Unit: 2173

to execute when one of a user and a selected one of the appliances accesses the respective application body and the URL to download at least one of the appliance packages, appliance configuration settings and change configuration of the respective appliance on the web application server. The closest prior art, Yan et al. U.S. Patent 6,003,065 and Inoue et al. U.S. Patent 6,456,388 teach an appliance application loading system for a network environment that has a loading mechanism operative to download applications to appliances from the web application server upon the occurrence of a power on/off cycle, the application body being accessed by the URL associated with an application, upon detection of an application header. In the case of the Yan reference, Yan et al. teach a loading mechanism that downloads applications to peripheral devices such as printers. In the case of the Inoue reference, Inoue et al. teach an application header stored on the storage device and the URL associated with an application being initialized to access the application body when the loading mechanism detects the application header. However, the prior art fail to teach the loading mechanism configured to deliver a first application in a first, dedicated servlet to the one appliance and deliver the second application in a second, dedicated servlet to the another appliance where the second, dedicated servlet is unique from the first, dedicated servlet, the loading mechanism being configured to automatically update one of the first dedicated servlet and the second dedicated servlet responsive to a user locally changing desired settings for one of the one appliance and the another appliance, respectively, and one of the first and second application bodies is configured to execute when one of a user and a selected one of the appliances accesses the respective application body and the URL to download at least one of the appliance packages, appliance configuration settings and change

Art Unit: 2173

configuration of the respective appliance on the web application server. Thus, the prior art fails to teach or render the above limitations obvious.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 16-22 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 16 recites the limitations "the first dedicated servlet" and "the second dedicated servlet" in lines 18-19. There is insufficient antecedent basis for these limitations in the claim.

Claim 21 recites the limitations "the first application" and "the second application" in lines 9-10. There is insufficient antecedent basis for these limitations in the claim.

Conclusion

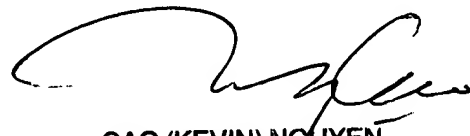
Art Unit: 2173

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TZ



CAO (KEVIN) NGUYEN
PRIMARY EXAMINER